CONTENTS

US-122 USB AUDIO/MIDI INTERFACE

- Windows PC and Macintosh compatible USB Audio/MIDI Interface
- 24 bit AD/DA resolution
- 2 channel audio inputs and outputs
- 1 MIDI IN and 1 MIDI OUT
- 2 XLR balanced MIC inputs with volume control
- 2 TRS balanced LINE/GUITAR inputs with volume controls
- 2 RCA unbalanced LINE outputs with volume control
- 2 TRS balanced INSERTS
- Power supply via USB
- Phantom power (48V) for microphones
- Input source selector between Mic/Line and Guitar
- Direct Monitoring function with a dedicated level control, On/Off switch, and Mono switch

- Headphone output with volume control
- ASIO and MME compatibility for Windows 98SE / ME / 2000 / XP
- ASIO, Sound Manager and Core Audio compatibility for Mac OS 8.6 / 9 and OS X 10.2 or higher
- Bundled with Steinberg® Cubase® LE
- GSIF-2 drivers available for GigaStudio 3
- USB cable included
- Power requirements: USB Vbus (5V)
- Power consumption: 2.5W
- Dimension (W x H x D): 145 x 62 x 98mm
- Weight: 0.925kg

MF-P01 4-TRACK PORTASTUDIO™

- Simple 4-track recording
- Industry standard tape speed (4.76cm/s)
- One Mic/Line input
- Four-dots LED meter for recording level monitoring
- Easy-to-use 4-channel mixer section for mixing down
- Master L/R line output
- Headphone monitor output
- Dimensions (W x H x D): 295 x 70 x 205mm
- Weight: 1.1kg

414 MKII 4-TRACK PORTASTUDIO™

- MIC/LINE input with trim control on channels 1–4
- Two-band high/low equalizer on 4 main input channels
- Two dedicated stereo inputs
- Two XLR balanced XLR MIC inputs assignable to channel 1–4
- One dedicated guitar input assignable to channel 1–4
- RCA unbalanced
- Stereo SUB inputs
- Tape speed 9.5cm/s
- Separate main and monitor outputs allow monitoring and mastering without repatching
- Headphones output
- Two effects sends, one switchable to tape cue
- Four tracks simultaneous recording
- dbx noise reduction
- ±12% pitch control
- Optional RC-30P for hands-free punch in and out
- Return-to-zero (RTZ)
- Dedicated SYNC output for MIDI synchronization
- Dimensions (W x H x D): 387 x 100 x 247mm
- Weight: 2.1kg

CD-BT1 MKII · CD-GT1 MKII · CD-VT1 MKII PORTABLE CD PHRASE TRAINERS

- CD player and bass (BT), guitar (GT) or mic (VT) pre amp with effects
- Playback modes: Single, Continuous, Single Loop, All Loop and Seamless Loop
- Change tempo by +16, +12, +8, +4, 0, -4, -8, -16, -32, -50% without affecting key (VSA function)
- Change key by ±6 semitones and ±50 cents without affecting tempo (can be used in conjunction with VSA function)
- Pitch control (+16 to -50%) changes tempo and key together
- Mono Monitor for CD (L+R, L, R)
- Split Monitor (Left ch: CD / Right ch: Input, or vice versa)
- Cue point memory (for instant location of last play start point)
- Flash start from cue point
- Phones and Line output with level control
- 10 seconds anti-shock memory
- Metronome (BPM: 40–220, Beat: 2–6)
- Two options of power supply: alkaline/ NiMH batteries or optional AC adapter

- Dimensions (W x H x D): 232 x 40 x 138mm
- Weight (without batteries): 0.62kg

Individual features
- Inputs with level control
  BT: 6.3-mm jack, switchable passive/active
  GT: One 6.3-mm jack, switchable GIT/MIC
  VT: Two 6.3-mm jacks with common level control for mic input
- Built-in effects/sound controls
  BT: 16 effect presets, 5 user memories, Bass enhancement (3 settings), 5-band graphic EQ with Mid Shape; 2 EQ memories
  GT: 15 distortion, 15 overdrive, 15 clean, 12 vocal sounds, 5 effect memories, Guitar Canceller with selectable canceling point
  VT: 18 vocal effects, Voice Changer (1 octave down or up), Vocal Canceller with selectable canceling point
- BT/GT: Chromatic tuner and oscillator
- BT/GT: Foot switch input for various functions

GA-100CD 100-WATT GUITAR AMP / CD PHRASE TRAINER COMBO

Overall features
- 60-watt RMS guitar amplifier section
- Seperate 20+20-watt stereo amplifier for CD playback
- 12-inch custom-voiced RockReady speaker for amplifier section
- Two 5-inch fullrange speakers for stereo playback of CD Trainer
- Built-in DSP effects

Amplifier section
- 2-channel guitar amp (clean and overdrive) with master volume
- Effects send/return
- Dedicated gain, volume and 3-band tone controls for each channel
- Neo Tube™ solid state circuitry for natural tube tone
- Footswitchable channel-select and effects

CD Trainer section
- Change tempo without changing pitch
- Seamless loop
- Guitar cancel
- RCA line in
- RCA line out (mix of amp and CD sections)

DP-01 / DP-01FX / DP-01FX/CD 8-TRACK DIGITAL PORTASTUDIOS™

- 8-track recording at uncompressed CD quality
  - Create hits at professional audio quality
- 2-track simultaneous recording
  - Record in stereo or record two independent mono sources
- Dedicated stereo mixdown track
  - Mix your song to a stereo file you can transfer to a computer for CD burning or MP3 encoding
- Dedicated controls on each channel for volume, pan, EFX send, EQ high and low

- Use real knobs and buttons to change your sound like on an analogue recorder/mixer
- Two-band EQ with selectable frequencies per track
  - Decide for yourself which frequencies the low and high EQ knobs cut or boost depending on your sound sources
- Two TRS mic/line inputs, one switchable to Guitar
  - Plug in and record microphones, synths, guitars, drum machines etc. directly

- Effects send and stereo return
  - Patch in an external reverb or effects processor
- RCA line output
  - Connect to monitor amplifier/speakers or record your mix to an external recorder
- SPDIF digital optical output
  - Record your mix to a CD or MiniDisc® recorder at high quality
- Headphone output with level control
  - Monitor with headphones, or use a Y-cable to connect speakers and control their volume

- MIDI output for Timecode or Clock
  - Synchronize a drum machine or MIDI sequencer to your song
- USB 2.0 port for computer backup
  - Export your mix recording or individual tracks or back up your song to a computer; import individual tracks or restore backed-up songs from a computer
- Workstation-style editing: copy, paste, move, erase, silence
  - Edit your tracks like a pro: tighten your timing, create loops, cut unwanted noise etc.
- Built-in 40GB hard drive
  - Plenty of room for dozens of songs

DP-01FX additional features
The DP-01FX has all of the DP-01 features plus:
- Two phantom powered XLR microphone inputs
  - Plug in condenser microphones for a higher recording quality
- Built-in reverb processor
  - Polish your mixes
- Built-in insert effects processor
  - Process your track with chorus, flange, amp modeling or other effects as you record

DP-01FX/CD additional feature
The DP-01FX/CD has all of the DP-01 and DP-01FX features plus:
- Built-in CD+RW burner / CD-ROM drive
  - Burn your mixed hits directly to CD or back up your work in progress at any time without having to transfer it to computer first

Recorder section
- 24-track HDD-based multitrack recorder
  - 44.1kHz, 24/16bit
  - Simultaneous playback of 24 tracks
  - Simultaneous recording of 8 tracks
- 250 assignable virtual (alternative) tracks
- 2 additional tracks for mastering
- Powerful editing functions
  - Copy -> Paste/Insert, Move -> Paste/ Insert, Open, Cut, Silence, Clone Track, Clean Out, Loop Paste
- 999 levels of Undo/Redo

- 999 markers plus In/Out/To locate points per song
- Return To Zero function
- Manual or auto punch in/out
- Rehearsal function
- Repeat playback or recording function
- ±6% variable pitch (playback/recording)
- Waveform view
- Slow Speed Audition

Mixer section
- 24+8-channel digital mixer
- 64-voice General MIDI sound module
  - Use editable preset patterns to play drums and synths to your recordings or import and play SMF files
- 3-band sweepable/parametric EQ on 24 channels, 8 inputs and MIDI module
- 8 analogue inputs
  - 4 XLR/TRS balanced inputs with phantom power
  - 4 TRS balanced inputs (one shared with additional connector on unit's front for direct connection of a guitar or electric bass)
- Three aux sends on all input, track and tone generator channels
- Internal effects and dynamics processors
  - Reverb, delay, chorus and others to be used as loop effect
  - Up to 8 assignable dynamics processors for compression/noise suppression during recording or mixdown
  - Guitar multi-effects processor for distortion, delay, flange, amp simulation and more
  - Dedicated stereo compressor on the stereo output
- Built-in chromatic tuner
- Flexible on-board digital patch bay
- Quick setup utility
- Channel link
- Solo/Mute
- Snapshot memory
- Digital input (SPDIF)
- Analogue (RCA) and digital (SPDIF) master outputs
- TRS quasi-balanced monitor output
- Headphones output

Other
- On-board CD-RW drive
  - Burn your mixdown on CD
  - Import/export WAV files
  - Backup your hard drive
  - Play Audio CDs
- High-speed USB 2.0 port connects to PC/Mac for data backup and SMF/WAV file transfer

FW-1804 FIREWIRE AUDIO/MIDI INTERFACE

- 18-in/12-out audio interface
- 24-bit A/D and D/A converters, sampling frequency up to 96kHz
- 4 balanced XLR/TRS mic/line inputs with switchable phantom power (+48V)
- 4 additional balanced TRS line inputs
- Analogue inserts on inputs 1–4
- Guitar-level input
- 10 digital inputs and outputs: ADAT optical (8 ch.) plus SPDIF coaxial (2 ch.)
- Balanced stereo line output with level control
- Headphone output with level control
- 2 MIDI inputs and 4 MIDI outputs
- Word Clock input and output
- Assignable footswitch jack
- 3 control surface modes to monitor the signal from the host application only, the input signal only, or both the host application and input signal
- ASIO and WDM compatibility for Windows 2000 / Windows XP
- ASIO, Sound Manager and Core Audio compatibility for Mac OS 9 / OS X

- LED status indicators
- 18-in/2-out mixing capability with GUI
- Includes GigaStudio™ 3 LE software sampling instrument and Steinberg® Cubase® LE software

Applications
- Live recording: Record four mic and four line sources with this portable interface and a laptop
- DAW recording: 96-kHz/24-bit recording resolution, high-quality mic preamps and 64 channels of MIDI I/O make a powerful interface for home production studios
- MIDI sequencing: Built-in MIDI I/O, 8 line ins and an SPDIF digital in for interfacing with racks of synths
- Project and professional studios: Transfer up to 18 channels from a mixing console to DAW recording software

FW-1082 FIREWIRE AUDIO/MIDI INTERFACE AND CONTROL SURFACE

- Audio interface with 10 inputs and 4 outputs
- 24-bit/96-kHz audio resolution
- Four balanced XLR/TRS mic/line inputs with phantom power
- Four additional balanced TRS line inputs (one switchable to Guitar)
- Analogue inserts on channels 1 and 2
- SPDIF stereo digital input and output
- Balanced TRS monitor outputs
- Headphone output with level control
- Two MIDI inputs and outputs
- Assignable footswitch jack
- Nine 60-mm touch-sensitive moving faders
- Eight channel strips with solo, mute and select buttons and record arm indicator
- Four assignable encoders

- Transport controls, jog/shuttle wheel and many other surface controls*
- Emulates Mackie® HUI® and Mackie® Control™ in addition to included native mode control plug ins
- Includes GigaStudio™ 3 LE software sampling instrument
- Includes Steinberg® Cubase® LE software
- Dimensions (W x H x D): 486mm x 83mm x 386mm
- Weight: 6.5kg

FW-1884 PROFESSIONAL CONTROL SURFACE / FIREWIRE AUDIO/MIDI INTERFACE

Other features
- 2 x IEEE-1394 (FireWire) interfaces
- ASIO and WDM compatibility for Windows 2000 / XP
- ASIO, Sound Manager and Core Audio compatibility for Mac OS 9 / OS X
- LED indicators (Functional status, Control key, Signal level, Control surface mode, MIDI and other I/O status)
- Stand-alone mixer mode (18 in and 2 out, Trim, Phantom, Insert, Solo, Mute, Pan, Fader)
- Footswitch connector (6.3-mm jack)

Control Surface
- Highly programmable control surface for digital audio workstation (DAW) system
- 9 x 100-mm touch-sensitive motorized faders
- Mixing parameters / HDR edit / Transport / Record function / Automation control
- Shortcut keys for various popular audio software applications
- Compatible with a wide variety of popular DAW applications
- Mackie Control Emulation

Audio/MIDI Interface
- High-resolution professional multi-channel audio interface (18 in and 10 out)
- 24-bit resolution
- 44.1/48/88.2/96kHz sampling frequencies
- 24-bit AD/DA converters
- 8 analogue Mic (XLR) / Line (6.3-mm jack) balanced inputs with 48V Phantom power (Ch. 8 switchable Mic/Line / Guitar)
- 8 analogue inserts

- 8 analogue balanced line outputs (6.3-mm stereo jacks, CH1-2: for Stereo outputs/ CH1–8: for Surround monitoring)
- 1 SPDIF digital Input (selectable between Coaxial and Optical)
- 1 SPDIF digital output (selectable between Coaxial and Optical)
- 1 ADAT digital I/O (8 in and 8 out)
- 4 MIDI inputs
- 4 MIDI outputs
- Fully independent 4x4 MIDI routing matrix
- Word Clock input and output (BNC)
- Headphone output

US-2400 DIGITAL AUDIO WORKSTATION CONTROLLER

CO-DEVELOPED WITH
SANE WAVE

- Fully-mapped control for any DAW that supports HUI™ or Mackie® Control protocols
- Compatible DAW applications (with firmware v1.20): Cubase 2.2 and higher, Digital Performer, Logic, Nuendo 2.2 and higher, Pro Tools, Sonar
- Driverless installation via USB 1.1 or 2.0 interface
- Mac® OS X and Windows® XP compatible

- Twenty-five touch sensitive 100-mm moving faders, each with 10-bit resolution
- Bank switching provides access to 192 channels
- Select, Solo and Mute keys per channel
- 24 encoders control pan, aux level or channel strip functions like EQ and Aux
- LED ring displays around encoders display parameters or channel meters

- In/Out point buttons
- Assignable function keys can be set to auto punch, record arming, undo etc.
- Solid-feeling transport controls
- Smooth Jog/Shuttle wheel
- Joystick for surround panning
- Footswitch jack for punch-ins

- Exernal power adapter AC input: 90–264V, 47-63Hz
- External power adapter DC output: 8 V, 5.62A
- Dimensions (W x H x D): 908 x 83 x 387 mm
- Weight (excluding AC adapter): 9.0kg

DM-3200 32-CHANNEL DIGITAL MIXING CONSOLE

IF-SM/DM
Surround monitoring card

IF-FW/DM
FireWire card

- Two Coaxial SPDIF digital I/O
- ADAT I/O (8 channels)
- Three TDIF-1 I/O (24 channels)
- Two headphone outputs
- RCA TC input
- Two audio I/O slots (support for optional FireWire, ADAT, AES/EBU, Analog, and TDIF cards)

General
- Sampling frequency: 44.1, 48, 88.2, 96kHz, Resolution: 24-bit
- The same mixing specifications in 48k and 96k modes
- Word Sync In, Out/Thru
- MIDI In, Out, Thru/MTC Out
- Dedicated Cascade port for cascading of two DM-3200 mixers
- Foot switch connector (RC-30P)
- Optional Meter bridge (MU-1000)
- DAW control capability with optional FireWire card (IF-FW/DM)
- Transport Control
- Surround monitoring with optional expansion card (IF-SM/DM)
- CompactFlash card for saving / loading internal data
- Includes Tascam Mixer Companion software (Windows XP & Mac)
- Driverless USB connection to computer
- Backup/restore data via USB
- GPI

Mixer section
- Fourty-eight mixing channels (thirty-two channel inputs + sixteen returns)
- Four-band EQ and dynamics on each input channel (CH 1 to 32)
- Sixteen bus outputs, eight AUX outputs, one stereo output
- Dynamics on each output (16 busses, eight Aux sends, and Stereo output)
- Built-in effects processing
- On board TC Reverb
- Sixteen plus one touch sensitive motorised faders
- SEL/SOLO/MUTE keys and rotary encoder with ring LED on each channel strip (16 channel strips)
- Five mixer layers (Ch. 1–16, Ch. 17–32, Returns 1–16, Busses 1–16, Auxes 1–8) and Control layer with banks
- Built-in Talkback microphone
- Flexible I/O routing
- Surround mixing capability
- On-board automation
- Total recall by project management

Inputs and outputs
- XLR balanced MIC inputs with phantom power and 20dB PAD (16)
- TRS balanced Line inputs (16)
- TRS unbalanced inserts (16)
- Four assignable sends/returns
- XLR balanced stereo output
- RCA unbalanced Studio output
- RCA unbalanced 2-track inputs
- TRS balanced Control Room output
- Two XLR AES/EBU digital I/O

DV-RA1000 HIGH-DEFINITION AUDIO/DSD MASTER RECORDER

- High-quality stereo recording at up to 192kHz/24-bit or DSD format
- Records standard CD-DA to CD-R/RW media, and Broadcast Wave and DSDIFF files to DVD+RW media
- Multiband compression and 3-band EQ for master processing
- Fade in/out and editing functions
- USB 2.0 port
- Balanced XLR and unbalanced RCA I/O
- Balanced AES/EBU inputs and outputs
- SDIF-3 DSD I/O for external conversion and processing of DSD audio
- Dedicated input level control (only one key press away)
- Adjustable maximum output level
- ±6% pitch control
- Word Sync In, Out, Thru
- Wired remote control and RS-232C serial port
- PS/2 keyboard connector
- User-definable function keys
- Large, backlit LC display
- Power-on Play feature
- Auto track increment
- Various playback modes such as auto cue, auto ready, single/continuous, program and A/B play
- Headphone output
- Supports UDF disk format

Applications
- Master Recording
  – Record your final mix at the best possible digital resolution for CD or SACD
- Mastering
  – Transfer analogue masters to DSD or 192kHz for remastering to SACD or DVD audio
- Live Recording
  – Connect to a top-quality mixer or mic preamp for stunning classical recording
- Sound Installations
  – Put in any system where you would use a professional CD recorder

HD-P2 PORTABLE, HIGH-DEFINITION STEREO RECORDER

Recording
- Recording media: Compact Flash, Micro Drive
- 16- or 24-bit at sample rates from 44.1 kHz through 192 kHz
- Writes uncompressed, time-stamped Broadcast Wave file format
- Pre-Record Cache and Retake function
- Audio files continually re-saved

Inputs and Outputs
- Balanced XLR mic inputs with phantom power, PAD, and analogue peak limiter
- Low-cut filter on each analogue input
- Unbalanced stereo line input (RCA)
- Unbalanced stereo line output (RCA)
- SPDIF digital input and output (coaxial)
- Headphone output (6.3-mm stereo jack)
- Built-in mono microphone and speaker
- FireWire port for connection with PC/Mac
- Analogue level controls

Synchronization
- SMPTE/LTC timecode input (XLR)
- Chase incoming SMPTE timecode
- Video clock input
- Tri-level sync support
- Frame Lock, Lock and Release and flexible Freewheel settings
- Pull-up and Pull-down sample rates included

Convenience
- Familiar tape machine-style layout and function
- Easily enter/edit file names via Computer Keyboard
- Large, angled, uncluttered LC display
- Shortcut keys and LED indicators for frequently-accessed functions
- Recessed Compact Flash slot
- Runs on eight AA batteries (Alkaline, NiMH or NiCd) or DC power adapter
- Approximately 5.5 hours of operating time on battery power
- Durable and lightweight housing for field use
- Supplied accessories: Shoulder Belt, Carrying Case, AC adapter CS-P2

MD-350 MINI DISC RECORDER / REPRODUCER

- Cost-effective professional-grade 2-track MiniDisc recorder/reproducer
- 2U height 19" rack-mount construction
- Versatile edit functions (DIVIDE, ERASE, MOVE, COMBINE, TRACK TITLE, DISC TITLE)
- Front panel keyboard connection (PS/2 type keyboard connector)
- 20-bit ADC/DAC, ATRAC 4.5
- Pitch control -12%
- Repeat Play function
- Timer Record / Play function
- Programme and Shuffle Play mode
- Auto Ready, Auto Space and Auto Cue

- 2 stereo Longrecord/play modes: LP2 (1/2 speed), LP4 (1/4 speed)
- Monaural recording mode
- On-board Sample rate converter
- SCMS
- RCA coaxial digital input
- XLR balanced and phono unbalanced analogue inputs and outputs
- RC-32 wireless infrared remote controller supplied as a standard accessory
- Dimensions (W x H x D): 483 x 94 x 313mm
- Weight: 5.5kg

MD-CD1 PROFESSIONAL MINI DISC RECORDER / CD PLAYER

CD deck
- MP3 file playback / ID3 tag display
- ±16% pitch control
- Change tempo without affecting the key
- Change key without affecting the tempo
- Dedicated digital and analogue outputs
- Transport control with PS/2 Keyboard

MD deck
- Supports ST, MONO, LP2, and LP4 mode (REC/PLAY)
- Edit functions
- Overwrite recording
- ±12.5% pitch control
- Dedicated digital (optical) and analogue inputs and outputs (RCA)
- PS/2 keyboard connector for title input and external control

General
- 4 x speed MiniDisc duplication
- MD-CD continuous playback
- RS-232C serial control
- Optional balanced I/O board (LA-MC1)
- Wireless IR remote controller included
- 2U rackmountable form factor
- Dimensions (W x H x D): 483 x 94 x 308mm
- Weight: 5.8kg

CD-A500/A700 CD-PLAYER / AUTO-REVERSE CASSETTE DECK

CD Player
- Independent operation for CD player
- Shuffle, Single and Program play
- 3-way repeat function (single/auto/A-B)
- Intro check
- ±12% pitch control (CD-A700 only)
- Auto space
- Timer play
- XLR balanced output (CD-A700 only)
- RCA unbalanced output

Cassette Deck
- Independent operation for cassette deck
- Auto reverse
- Bi-directional record/replay
- CPS (Computomatic Program Search) with status display
- ±12% pitch control
- CD sync
- Return-to-zero
- Dolby B noise reduction
- Timer play/recording
- XLR balanced I/O (CD-A700 only)
- RCA unbalanced I/O

General
- Full function remote control
- Control I/O (CD-A700 only)
- Headphone jack with level control
- Independent CD and tape function display
- CD–tape continuous play
- 3U standard rack-mount construction
- Dimensions (W x H x D): 483 x 145 x 290mm
- Weight (CD-A500): 6.4kg
  Weight (CD-A700): 6.6kg

CD-160 CD PLAYER

- SPDIF coaxial output
- Variable pitch control ±6%
- Time display (Total/Elapsed/Remaining)
- Music calendar
- Intro check function, Auto Cue with LED indication
- Shuffle play
- 32-selection random programming
- 4-way repeat function (Single/All/ Program/A–B)
- Music Skip/Search
- Headphone jack with level control
- CD-RW disk applicable
- Full-function infrared remote control
- 2U rack-mountable

- Specifications:
- Pickup: 3-beam, semiconductor laser
- D/A Converter: 1 bit DAC
- Digital Filter: 8-times oversampling
- Frequency Response: 20Hz – 20kHz ±1.5%
- Total harmonic Distortion: <0.02% (1kHz)
- Signal-to-Noise Ratio: >85dB (1kHz)
- Channel Separation: >80dB (1kHz)
- Output: RCA unbalanced analogue; 2.0Vrms
- Dimensions (W x H x D): 482 x 104 x 304mm
- Weight: 4.4kg

CD-01U, CD-01U Pro COMPACT CD PLAYERS

- 1U rack-mountable CD player
- CD-R/RW and MP3 playback
- 12cm/8cm CD playback
- 20 sec. anti-shock memory
- Slot-in CD drive mechanism
- RCA unbalanced analogue output
- SPDIF (optical) digital output
- Frame accurate search
- Playback Mode (Single, All, Program: up to 99)
- Repeat Mode (Single, All, A-B)
- Time Display (Track Elapsed / Track Remaining / Total Remaining)
- Auto Cue, Auto Ready
- ±12.5% Pitch Control (in 0.1% steps) with Rotary Encoder knob
- Key Original function (change speed only)
- Call function (return to the point where playback last started)
- Intro Check
- Resume
- Fade In/Out (up to 10 sec, in 0.5-sec steps)

- Power on play
- Eject block function
- Headphone output with dedicated volume control
- Mono output
- Serial control (RS-232C, D-sub 9-pin)
- Relay play or Fader start
- Last mode memory (Playback mode / Program / Repeat mode / Time display)
- End Of Message
- LC display
- Wireless remote control included
- Removable power cable

Additional features on CD-01U Pro
- XLR balanced analogue output
- XLR AES/EBU digital output
- D-sub 15-pin parallel control

- Dimensions (W x H x D): 482 mm x 44 mm x 325 mm
- Weight (CD-01U/CD-01U Pro): 3.5kg/3.7kg

CD-601MKII BROADCAST CD PLAYER

- 3U half rack size
- Plays CD-DA, CD-RW, CD-R media
- Two playback modes:
  – ON-LINE play: Balanced analogue and AES/EBU outputs are enabled
  – MONITOR play: Unbalanced analogue and SPDIF outputs are enabled
- Fail Safe function to avoid unintentional operation during ON-LINE playback
- Instant start
- Frame accurate search with Jog dial
- Index search
- Single play, Continuous play, Program play (up to 30 tracks), Incremental play
- Elapsed, remain, and total remain time display
- Supports CD text display
- Auto cue with 5 threshold levels
- Auto ready
- Word Sync In/Thru (44.1kHz and 48kHz)
- Sampling rate converter for 48KHz systems
- ±12.5% pitch control in 0.1% steps
- Power-on play

- Selectable output level (FS = +24, +22, +20, or +15dBu)
- Selectable EOM (End of Message) time (OFF, 10, 15, 20, 30, 60, 90 sec)
- Menu system for customisation
- Analogue outputs: XLR balanced with attenuator (0 to –6dB), RCA unbalanced
- Digital outputs: AES/EBU (XLR), SPDIF (coaxial)
- Parallel port for external control
- Serial port (RS-232C) for RC-601MKII remote controller
- Headphone output with level control on the front panel

RC-601 MKII Remote Control
- ON-LINE play and MONITOR play
- Time search with numeric keys
- End Check for monitoring the track's end
- Repeat function: Single, all, program, A-B
- 10 cue point memories per disc
- Flash start from cue points (up to 10)
- Headphone monitor

CD-RW402 V3 CD PLAYER / RECORDER / DUPLICATOR

- CD Player/Recorder/Duplicator in one
- Independent controls, displays, input and outputs for easy operation
- Uses professional and consumer CD-R and CD-RW discs (multi-speed 1x–4x and high-speed 4x–10x media)
- Duplicates audio and data CDs to CD-R and high-speed CD-RW at higher than 4x writing speed (multi-speed CD-RW: 4x)
- Increased speed at finalise and erase operations:
  CD-R and high-speed CD-RW: 8x multi-speed CD-RW: 4x
- Durable TEAC computer CD drive mechanisms
- 2 locate points on deck 1 for cues or edits
- Stutter scrub capability on each deck for setting frame-accurate cues and IDs
- A–B copy function for copying a region as new track
- Read/write CD-Text information
- PS/2 keyboard connector for easy track naming
- Independent balanced XLR and unbalanced RCA analog I/O
- Independent SPDIF coaxial and optical digital I/O
- Dedicated unbalanced RCA connectors for common output
- Headphone output with level control
- Pitch control (±10%) on deck 1
- Sync record function
- Auto ready function (play one track and pause)
- Auto cue function
- Call function (return to last cue point)
- Input monitor function
- Auto ID function with adjustable sensitivity
- Selectable digital gain and fade-in/out
- Selectable SCMS copy protection
- 25-track program play memory
- Parallel control port
- Fader start function
- 24-bit A/D and D/A converters
- Wired remote control included
- Dimensions (W x H x D):
  483 x 138 x 301 mm
- Weight: 8.0 kg

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CD-RW750 CD-RW RECORDER

- Records to pro CD-R, CD-RW and consumer CD-R and CD-RW media
- 24-bit AD/DA converters
- Input sample rate converter
- Input RAM buffer
- Adjustable recording level in digital domain
- Sync recording function (number of tracks to record, all input data, whole CD copy)
- Auto track increment function
- Selectable track mark function
- Fade in/out recording
- Continue, shuffle and program playback mode
- Single track and all disc repeat
- No SCMS
- RCA coaxial digital I/O
- Optical TOS digital I/O
- RCA unbalanced analogue I/O
- 2U rack-mount construction
- Wireless remote control included
- Dimensions (W x H x D):
  482 x 104 x 310mm
- Weight: 5.6kg

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CD-RW2000 V3 CD-RW RECORDER

New in Version 3:
- Records to professional and consumer CD-R and CD-RW discs (multi-speed 1x–4x and high-speed 4x–10x media)
- Increased speed at finalise and erase operations: CD-R and high-speed CD-RW: 8x multi-speed CD-RW: 4x
- Manual index increment (by pressing CALL key during recording)
- Index increment mode
- Minimum level (= Digital Zero) selectable as sound level
- TRIM value can be displayed and altered
- Meter peak hold time selectable from 0.0 to 2.5 sec and hold

Other Features
- 24-bit AD/DA converters
- Input sample rate converter
- Input RAM buffer
- Adjustable recording level in digital domain
- Sync recording function (number of tracks to record, all input data, whole CD copy)
- Auto track increment
- Selectable track mark
- Fade-in/out recording
- Continue, shuffle and program playback modes
- Single track and all disc repeat
- No SCMS
- ISRC (International Standard Recording Code) display
- RID (Recorder Identification) code display
- RCA coaxial digital I/O
- Optical TOS digital I/O
- RCA unbalanced analogue I/O
- 2U rack mount construction
- Wired remote control included
- Balanced XLR analogue I/O
- AES/EBU digital I/O
- Word clock input
- Dimensions (W x H x D): 482 x 104 x 310mm
- Weight: 5.6kg

CC-222 MKII CD RECORDER / CASSETTE DECK

- Cassette to CD-R/RW dubbing and vice versa
- Continuous playback between decks
- Individual RCA unbalanced analogue inputs/outputs on both decks
- RIAA phono input
- Headphones output with level control
- Wireless remote controller RC-222 supplied as standard
- 3U rack-mountable
- Dimensions: 483 x 138 x 295 mm
- Weight: 8.0kg

CD-RW Recorder
- CD-R, CD-RW, CD-R-DA, CD-RW-DA discs applicable
- Sampling rate converter (32kHz – 48kHz)
- Digital input level control
- Digital direct recording (bypassing the SRC and digital level)
- Fade in and out (1 to 24 seconds, 1 second steps)
- Auto Track Increment (via SPDIF or audio level)
- Sync record
- Adjustable sound level for auto track and sync recording
- Record Mute
- Erase CD-RW discs
- Un-finalize CD-RW discs
- Continuous play, random play, and program play (maximum 25 songs)
- Repeat function (single, all, A–B)
- Intro check
- Timer play (external timer required)
- Coaxial and optical digital input/output

Cassette deck
- Auto reverse
- Dolby B noise reduction
- Approx. ±12% pitch control
- RTZ (Return-to-zero)
- Record Mute
- CPS search function

CD-X1500 / CD-X1700 DJ DUAL CD PLAYERS

CD-X1700 only
- 2 integrated samplers (10 seconds each), reverse playback of samples, ±32% pitch control on samples, Sampler level control
- MP3 playback with pitch bending and tempo changes
- On-board digital effects (Echo, Flanger, Filter), syncable to BPM
- Reverse play

CD-X1500 and CD-X1700
- Continuous play, single play, and up to 30 tracks program play
- Stutter play
- Seamless A–B loop
- 3 flash start/cue points
- Auto cue and auto ready
- ±0, 8, 16, 32 and 100% tempo control (by slider or by tapping on the TAP key)
- Key Original function prevents original key from being affected by tempo changes
- Pitch bending function
- ±16% key control
- BPM counter (CD-X1500: with Tap key, CD-X1700: automatic/with Tap key)

- Scratch and Brake functions
- TT-LINK®-Accessory connector for the TT-M1 CD Scratch Controller
- Filter effect (CD-X1500)
- Track memory stores various playback settings for up to 100 tracks
- Start playback from an external device which supports fader start (i.e. X-9, X-17, X-15, XS-3, etc.)
- Relay play between both units
- Anti-shock memory
- Digital SPDIF output
- Supports CD-R/RW discs
- Compact 2U/3U controller size
- Dimensions (W x H x D), CD drive unit: 482 x 94 x 272mm (including feet) Controller, CD-X1500: 482 x 88 x 83mm (19", 2U) CD-X1700: 482 x 132 x 83mm (19", 3U)

CD-DJ1 PROFESSIONAL DJ TABLETOP CD/MP3 PLAYER

- Unique ultra-compact size
- Anti-shock memory
- MP3 playback
- Supports CD Text and ID3 tag for MP3
- Seamless loop
- Two hot starts

- Key Original (master tempo)
- TT-M1 "Turntable Magic" connector
- Approximate dimensions (W x H x D): 154 mm x 55 mm x 268 mm

TT-M1 CD SCRATCH CONTROLLER FOR DJ TURNTABLES

- CD scratch controller for DJ CD players with Tascam TT-LINK®-Accessory connector
- Scratch, pitch bend, back-spin and otherwise control your CDs like you were using vinyl
- "Turntable Magic" retrofits onto the edge of just about any standard DJ turntable (tone arm can still be used)
- No additional special audio hook-ups required

- No computer and no special vinyl records required
- Use DJ turntable platter and controls such as start/stop, tempo slider, power on/off to control CD audio
- Can also work without a turntable (scratch on any flat surface!)
- Powered by the DJ CD player

X-15 / X-17 PROFESSIONAL MOBILE DJ MIXERS

X-15
- Four-channel rack-mountable mobile DJ mixer
- Eight stereo channel sources (two stereo phono inputs, six line inputs)
- Two mic inputs
- 3-band EQ per channel
- Fader start on all four channels
- Balanced XLR and unbalanced RCA master outputs
- Discrete booth outputs and record outputs
- Replaceable crossfader

X-17
- Four-channel rack-mountable mobile DJ mixer
- Eight stereo channel sources (four switchable phono/line stereo inputs and four dedicated stereo line inputs)

- Two mic inputs
- 3-bank sampler with pitch control and compact flash slot to save and recall samples
- 3-band EQ per channel
- Fader start on all four channels
- Separate stereo aux input with level control
- Effects send/return
- Balanced XLR and unbalanced RCA master outputs
- Discrete aux outputs, booth outputs and record outputs
- Booth dimmer
- Replaceable crossfader
- Dimensions (W x H x D): 482 x 176 x 102mm
- Weight: 4.0 kg (main unit)

AV-452 PRESENTATION MIXER / AMPLIFIER

- Audio mixing, video routing, device control, digital amplifier and other installation friendly features in one compact housing
- Four phantom-powered microphone inputs on XLRs and barrier strip
- One A/V channel which acts as an AV receiver, switching between two audio decks and three A/V sources
- Three-band EQ, level, gain and mute controls for each of the four microphone inputs and the A/V channel
- Selectable 100Hz roll-off on mic inputs
- Audio I/O for Cassette, CD-RW, DVD, VCR and Aux
- Composite and S-Video I/O for DVD, VCR and Aux
- RGB In/Thru port for connection convenience

- Switchable Cascade input allows multiple rooms to be linked together
- Stereo digital amplifier delivers 100W per side at 8 ohms
- RC-452 learning IR remote control sends infrared commands to projectors and other devices when inputs are selected
- Record monitor selection allows dubbing between A/V devices
- Constant voltage input with noise gate allows paging systems to be integrated into the same speaker system
- EMG break input to mute local audio when an emergency alarm system is activated
- Motorized master volume control

102 MKII STEREO CASSETTE RECORDER

- IC logic-controlled mechanism
- Dolby B and C noise reduction
- Dolby HX Pro
- Independent left and right-channel peak program level meters with peak hold function
- CPS function

- Intro check function
- Headphone output
- 19" rack-mount construction
- Dimensions (W x H x D): 482 x 132 x 286mm
- Weight: 4kg

202 MKIII DUAL AUTO-REVERSE CASSETTE RECORDER

- Dolby B/C and HX Pro
- Normal and high speed dubbing
- Intro check
  (Computomatic Program Search)
- Blank scan, record/mute auto spacer
- Sync reverse and dubbing capability
- Unbalanced RCA inputs and outputs on
  rear panel
- Dual line inputs on front panel
- Headphone jack
- 19" rack-mount construction
- Dimensions (W x H x D):
  482 x 132 x 284mm
- Weight: 4.8kg

322 DUAL AUTO-REVERSE CASSETTE RECORDER

- Two independent decks with separate
  input and output connections
- Simultaneous recording and playback
- Individual recording and playback
- Continuos recording and playback
- Quick auto reverse
- Sync reverse
- Normal or hi-speed dubbing
- Input level control
- Dolby B and C noise reduction
- Dolby HX Pro
- ±10% pitch control
- Up to ten units can be connected
  together to form 20 deck array for real-
  time duplication
- Multiple tape dubbing, continuos
  playback and logging
- Cascade connector for multiple units
  duplication system
- RS-232 Control Interface
- Control I/O for continuos and relay
  recording and playback for multiple units
  operation
- Optional WR-7000 Synchro cable
- RC-322 wired remote control included
- Optional LA-322 balance XLR I/O Kit
  (one kit for each deck needed)
- Two Heads per deck
- 19" 3U rack-mount construction
- Dimensions (W x H x D):
  483 x 140 x 305mm
- Weight: 7.8kg

T-3000 CASSETTE DUPLICATOR

- Cost effective cassette duplicator
- Three independent cassette decks in one unit (2 slaves and 1 master/slave)
- Master/slave selection on deck 3
- Duplication speed of 4-times normal speed (approximately 7.5 minutes with a C-60 tape)
- Copies both sides of a tape in one pass
- Normal/chrome (CrO$_2$) auto switching

- Long-life ferrite heads:
  – Record/playback head: 4-track/4-channel, in-line, ferrite
  – Erase head: half-track x 2, ferrite
- Multiple units can be connected and operated in a series
- 3U rackmountable
- Dimensions (W x H x D): 482 x 132 x 356mm
- Weight: 11.5kg
- Weight: 8.3kg

MA-AD8 PRE-AMPLIFIER

- Eight channels of mic preamps, converted to TDIF
- +48V phantom power
- Cascading TDIF port to allow system expansion

MA-8 8-CHANNEL MICROPHONE PREAMP

- 8 XLR balanced microphone inputs
- Switchable 48 V phantom power
- Eight 6.3 mm direct output jacks
- 55 dB Input trim control on each channel
- Ground lift switch
- Internal power supply

MH-40 MKII HEADPHONES AMPLIFIER

- Can drive up to four stereo headphones
- 1.5 W on each headphone output

LA-80/LA-81/LA-40 MKII

LA-80
- 8 channels of unbalanced to balanced conversion

LA-81
- 8 channels of balanced to unbalanced conversion

LA-40 MKII
- 4 channels of balanced to unbalanced conversion plus 4 channels of unbalanced to balanced conversion

GIGASTUDIO 3

GIGAPULSE™

New in version 3.0:
- Available in three variants (Orchestra, Ensemble and Solo)
- Unlimited Polyphony in Orchestra (dependant on hard drive speed and computer processor speed); 160-voice polyphony in Ensemble, 96 voices in Solo
- 128 MIDI channels in Orchestra (Ensemble: 64 channels, Solo: 32 channels)
- VST Plug-in and ReWire support
- 24-bit/96-kHz sample support
- Expanded mixer with up to 128 channels and 32 fader groups
- Quick Edit: Alter parameters on the fly
- New User Interface look and feel for improved workflow and usability
- Intelligent MIDI providing Legato, Alternation, Random modes and more
- Sample Recording with new GSIF 2.0-compatible soundcards
- Kernel-level MIDI eliminates latency and reduces jitter on the incoming MIDI data
- GigaPulse™ Convolution Reverb (Playback-only version in Ensemble and Solo; GigaPulse™ Pro in Orchestra)

- Convolution Surround placement
- Enhanced Capture To Wave to record 8 audio streams simultaneously
- Unlimited instrument stacking
- Up to 128 Dimensions available for expressive keyswitches and crossfades
- Support for 8 channels of audio input and 32 channels of output
- GigaPiano 2 included with Orchestra and Ensemble ("light" version in Solo)
- Vienna GigaSymphony sample library included with Orchestra

GigaStudio's well-known features:
- Streaming samples over 4GB in size
- Low latency
- 32-bit audio signal processing
- High quality sound libraries
- Runs on inexpensive PC hardware
- Integrates with Mac sequencers with a soundcard and a MIDI jack
- Quicksound™
- Articulations
- Network streaming capability
- DirectSound™ compatible

- Windows® VST plug-in reverb processor taking advantage of TASCAM's latest DSP technology
- Acoustic space modeling via exclusive convolving algorithms
- Ultra-realistic emulation of any room, vintage EQ or microphone
- Create new impulses (reverb characteristics) from your own recordings and apply them to other sources
- 2D mic/source placement – move your source to up to 18 locations in a room – the perfect effect for orchestral arrangements and other spacious mixes
- Microphone modeling can be applied to the environment or used alone to add vintage microphone warmth to recordings

- Tail extension function reduces computer processing load to free up your CPU for more instances
- "Move" the mic using the Perspective slider, controlling the reverb amount while maintaining phase and stereo imaging
- Impulse libraries available from Tascam, or download numerous freeware impulses from the Internet.

GVI GIGA VIRTUAL INSTRUMENT – PLUG-IN SAMPLER

- The power of GigaStudio 3 in an easy-to-use plug-in for Windows VSTi and RTAS workstation software
- Unlimited polyphony
- 96-kHz/24-bit sample support
- Embedded GigaPulse convolution
- iMIDI legato and round robin rules
- Runs as a 16-part multi-timbral plug-in instrument in both VSTi and RTAS formats
- Compatible with virtually all Windows workstation software, including Pro Tools
- Macintosh version in development

GIGAVIOLIN SOLO VIOLIN SOUND LIBRARY

- Unique convolution-based Body Resonance Technology to model a varied selection of rich, vintage violin bodies
- Unprecedented realism with notes that naturally decay
- Unmatched performance possibilities, including dynamic portamento and vibrato, and changing bowing articulations while performing
- Violin bodies and microphone placements can be changed at any time to find the one that best suits the music
- Perfect legato and portamento lines without needing separate samples
- Broad selection of articulations, including legato, staccato, spiccato, sforzando, tremolos, trills, pizzicato and many more, plus Divisi 4 ensemble samples
- Intelligent MIDI rules can alternate bowing, randomize sample selection, automatically switch between mono and poly modes and much more
- Ideal for film scoring, composition, pop or any style that requires the emotive power of solo violin

VL-X5 BI-AMPLIFIED NEAR-FIELD STUDIO MONITOR

Rear panel

- 90-watt active bi-amped near-field design
- 1-inch (2.5-cm) natural silk high frequency dome driver
- 5.25-inch (13.3-cm) low-frequency driver
- LF control: 150Hz or 800Hz, ±1.5dB, via DIP switch
- HF control: 3kHz or 8kHz, ±1.5dB, via DIP switch
- Separated amplifier space
- Acoustic Space Control optimises performance regardless of placement
- Magnetically shielded for desktop operation
- Deep size provides rich LF sound
- Dual power amp (Low: 60 watts, High: 30 watts) perfectly matched to the drivers
- Sub-frequency ports deliver amazing bass response

NOTES

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